

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): M. MASUDA et al  
Serial No.: (New Divisional application under 37 CFR §1.53(b)  
of U.S. Application Serial No. 10/194,224)  
Filed: December 24, 2003  
For: A SEMICONDUCTOR DEVICE AND A METHOD OF  
MANUFACTURING THE SAME  
Group: 2818  
Examiner: T. NGUYEN

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & §1.98**

**MS: PATENT APPLICATIONS**

Commissioner For Patents  
POB 1450  
Alexandria, VA 22313-1450

December 24, 2003

Sir:

In the matter of the above-identified application, applicants are attaching hereto, in a form equivalent to Form PTO-1449, a listing of all the art documents of record (cited by the Examiner/submitted by applicants) in the chain of continuing applications (as listed on page 1 of the Specification), pursuant to the duty of disclosure/candor requirements.

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified divisional application and, therefore, this IDS meets the requirements pursuant to 37 CFR §1.97(b).

As to the requirement of 37 CFR §1.98(a)(3) for any concise explanation of relevance to the extent that any of the listed documents is not in the English language, this is met by the discussion thereof in the original specification/

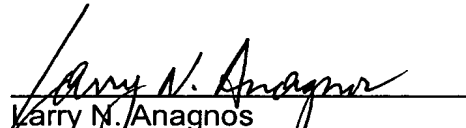
prosecution history, the earlier submission of an English language translation, and the citation by the Examiner in the prior application(s).

It is understood that since copies of the listed documents should be available in the file wrapper of the prior application(s), copies thereof are not included herewith, consistent with 37 CFR §1.98(d) and pursuant to the guidelines set forth in MPEP §609.

It is submitted this IDS is in compliance with the rules of practice as well as with USPTO guidelines. Therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgment of entry as well as of formal consideration thereof by the Examiner is respectfully requested.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge same to the account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (501.39155VC2).

Respectfully submitted,  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	R53(b) DIV. of 10/194,224
		Filing Date	December 24, 2003
		First Named Inventor	MASUDA, MASACHIKA
		Art Unit	2818
Examiner Name	T. Nguyen		
Attorney Docket Number	501.39155VC2		
Sheet	1	of	1

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 5,239,447		08-24-1993	Cotues et al	
		US- 5,198,888		03-30-1993	Sugano et al	
		US- 5,780,925		07-14-1998	Cipolla et al	
		US- 6,084,308		07-04-2000	Kelkar et al	
		US- 5,998,864		12-07-1999	Khandros et al	
		US- 6,051,886		04-18-2000	Fogal et al	
		US- 5,422,435		06-06-1995	Takiar et al	
		US- 6,252,305		06-26-2001	Lin et al	
		US- 6,381,143		04-30-2002	Nakamura	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				
		JP 4-199566	07-1992			
		JP 4-302164	10-1992			
		JP 11-204720	07-1999			

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.